**Team Budget Planner**

****Project objective:-****

As a developer, write a program using JavaScript to decide the budget of a specific team.

****Background of the problem statement:-****

As a developer, you are assigned to a project. You need to develop a website where program managers of a specific team will add details of professional deals they want to have with vendors. The finance team will check expenses of those teams and will decide their annual budget.

**Source Code :-**

**Index.html:-**

<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 <meta http-equiv="X-UA-Compatible" content="ie=edge">

 <!-- bootstrap css -->

 <link rel="stylesheet" href="css/bootstrap.min.css">

 <!-- main css -->

 <link rel="stylesheet" href="css/main.css">

 <!-- google fonts -->

 <link href="https://fonts.googleapis.com/css?family=Courgette" rel="stylesheet">

 <!-- font awesome -->

 <link rel="stylesheet" href="css/all.css">

 <title>budget app</title>

 <style>

 </style>

</head>

<body>

 <div class="container-fluid">

  <div class="row">

   <div class="col-11 mx-auto pt-3">

    <!-- title -->

    <h3 class="text-uppercase mb-4">budget app</h3>

    <div class="row">

     <div class="col-md-5 my-3">

      <!-- budget feedback -->

      <div class="budget-feedback alert alert-danger text-capitalize">budget feedback</div>

      <!-- budget form -->

      <form id="budget-form" class=" budget-form">

       <h5 class="text-capitalize">please enter your budget</h5>

       <div class="form-group">

        <input type="number" class="form-control budget-input" id="budget-input">

       </div>

       <!-- submit button -->

       <button type="submit" class="btn text-capitalize budget-submit" id="budget-submit">calculate</button>

      </form>

     </div>

     <div class="col-md-7">

      <!-- app info -->

      <div class="row my-3">

       <div class="col-4 text-center mb-2">

        <h6 class="text-uppercase info-title">budget</h6>

        <span class="budget-icon"><i class="fas fa-money-bill-alt"></i></span>

        <h4 class="text-uppercase mt-2 budget" id="budget"><span>$ </span><span id="budget-amount">0</span></h4>

       </div>

       <div class="col-4 text-center">

        <h6 class="text-uppercase info-title">expenses</h6>

        <span class="expense-icon"><i class="far fa-credit-card"></i></span>

        <h4 class="text-uppercase mt-2 expense" id="expense"><span>$ </span><span id="expense-amount">0</span></h4>

       </div>

       <div class="col-4 text-center">

        <h6 class="text-uppercase info-title">balance</h6>

        <span class="balance-icon"><i class="fas fa-dollar-sign"></i></span>

        <h4 class="text-uppercase mt-2 balance" id="balance"> <span>$ </span><span id="balance-amount">0</span></h4>

       </div>

      </div>

     </div>

    </div>

    <div class="row">

     <div class="col-md-5 my-3">

      <!-- expense feedback -->

      <div class="expense-feedback alert alert-danger text-capitalize">expense feedback</div>

      <!-- expense form -->

      <form id="expense-form" class=" expense-form">

       <h5 class="text-capitalize">please enter your expense</h5>

       <div class="form-group">

        <input type="text" class="form-control expense-input" id="expense-input">

       </div>

       <h5 class="text-capitalize">please enter expense amount</h5>

       <div class="form-group">

        <input type="number" class="form-control expense-input" id="amount-input">

       </div>

       <!-- submit button -->

       <button type="submit" class="btn text-capitalize expense-submit" id="expense-submit">add expense</button>

      </form>

     </div>

     <div class="col-md-7 my-3">

      <!-- expense list -->

      <div class="expense-list" id="expense-list">

       <div class="expense-list\_\_info d-flex justify-content-between text-capitalize">

        <h5 class="list-item">expense title</h5>

        <h5 class="list-item">expense value</h5>

        <h5 class="list-item"></h5>

       </div>

       <!-- single expense -->

       <!-- <div class="expense">

        <div class="expense-item d-flex justify-content-between align-items-baseline">

         <h6 class="expense-title mb-0 text-uppercase list-item">- title</h6>

         <h5 class="expense-amount mb-0 list-item">amount</h5>

         <div class="expense-icons list-item">

          <a href="#" class="edit-icon mx-2" data-id="${expense.id}">

           <i class="fas fa-edit"></i>

          </a>

          <a href="#" class="delete-icon" data-id="${expense.id}">

           <i class="fas fa-trash"></i>

          </a>

         </div>

        </div>

       </div> -->

       <!-- end of single expense -->

      </div>

     </div>

    </div>

   </div>

  </div>

 </div>

 <!-- jquery -->

 <script src="js/jquery-3.3.1.min.js"></script>

 <!-- bootstrap js -->

 <script src="js/bootstrap.bundle.min.js"></script>

 <!-- script js -->

 <script src="js/app.js"></script>

</body>

</html>

**Main.css:-**

:root {

  --mainWhite: #f5f5f5f5;

  --mainDark: #333333;

  --mainGreen: #317b22;

  --mainRed: #b80c09;

  --mainBlue: #05668d;

}

body {

  background: var(--mainWhite);

  color: var(--mainDark);

}

.budget-feedback,

.expense-feedback {

  display: none;

}

.budget-form {

  border: 0.15rem solid var(--mainGreen);

  padding: 1rem;

  border-radius: 0.25rem;

}

.expense-form {

  border: 0.15rem solid var(--mainRed);

  padding: 1rem;

  border-radius: 0.25rem;

}

.budget-submit {

  background: transparent;

  border: 0.1rem solid var(--mainGreen);

  color: var(--mainGreen);

}

.expense-submit {

  background: transparent;

  border: 0.1rem solid var(--mainRed);

  color: var(--mainRed);

}

.expense-submit:hover {

  background: var(--mainRed);

  color: var(--mainWhite);

}

.budget-submit:hover {

  background: var(--mainGreen);

  color: var(--mainDark);

}

.budget-input {

  border: 0.05rem solid var(--mainGreen) !important;

}

.expense-input {

  border: 0.05rem solid var(--mainRed) !important;

}

.expense-amount,

.expense-title {

  color: var(--mainRed);

}

.edit-icon {

  color: var(--mainBlue);

  cursor: pointer;

  font-size: 1rem;

  text-decoration: none !important;

}

.delete-icon {

  color: var(--mainRed);

  cursor: pointer;

  font-size: 1rem;

  text-decoration: none !important;

}

.edit-icon:hover {

  color: var(--mainBlue);

}

.delete-icon:hover {

  color: var(--mainRed);

}

.showItem {

  display: block;

}

.info-title {

  font-size: 1.5rem;

}

.budget {

  font-size: 1.6rem;

  color: var(--mainGreen);

}

.expense {

  font-size: 1.6rem;

  color: var(--mainRed);

}

.balance {

  font-size: 1.6rem;

}

.budget-icon,

.expense-icon,

.balance-icon {

  font-size: 2.5rem;

  color: var(--mainBlue);

}

.showRed {

  color: var(--mainRed);

}

.showGreen {

  color: var(--mainGreen);

}

.showBlack {

  color: var(--mainDark);

}

@media screen and (min-width: 992px) {

  .budget {

    font-size: 2.6rem;

    color: var(--mainGreen);

  }

  .expense {

    font-size: 2.6rem;

    color: var(--mainRed);

  }

  .balance {

    font-size: 2.6rem;

  }

  .budget-icon,

  .expense-icon,

  .balance-icon {

    font-size: 3.5rem;

    color: var(--mainBlue);

  }

}

.list-item {

  flex: 0 0 33.33%;

  text-align: center;

}

.expense-item {

  height: 2rem;

}

**App.js:-**

class UI {

    constructor() {

      this.budgetFeedback = document.querySelector(".budget-feedback");

      this.expenseFeedback = document.querySelector(".expense-feedback");

      this.budgetForm = document.getElementById("budget-form");

      this.budgetInput = document.getElementById("budget-input");

      this.budgetAmount = document.getElementById("budget-amount");

      this.expenseAmount = document.getElementById("expense-amount");

      this.balance = document.getElementById("balance");

      this.balanceAmount = document.getElementById("balance-amount");

      this.expenseForm = document.getElementById("expense-form");

      this.expenseInput = document.getElementById("expense-input");

      this.amountInput = document.getElementById("amount-input");

      this.expenseList = document.getElementById("expense-list");

      this.itemList = [];

      this.itemID = 0;

    }

  }

**Output:-**







